

FIGURE 1 - PRIOR ART

Date mailed  
Aug 14, 2000

Please bring entire bill if payment is made in person or return stub with your payment by mail.

08 2910 0318  
S

**Total Amount Due  
\$15.97  
Please Pay This  
Amount By 09/01/00**

The Gas Company  
P.O. Box

081100BL-0168.035482 1 AV 0 243  
MARLIN BARRERA

1257 W 41ST ST  
LOS ANGELES CA 90037-1705

|||||

Your Account Number  
076 405 8410 3

80 0764058410 00001597 37 0764058410 0000159737

102 101 103 104 101

FIGURE 2 - PRIOR ART

Electric Company WE B

025104183313070169440494084148114

Account Number	Service To	Amount Due	Amount Enclosed
HTC 71 69444-4	08/09/00	\$148 11	

H:1.3.327 1 AC 0.238 \*\*C003

DIANE M LEWIS  
3701 LIZ DR  
BAKERSFIELD CA 93312-2308

Box  
Sacramento, CA  
95899-7300

08/14 Please return this portion with your payment Thank you 0x 251

FIGURE 3 - PRIOR ART

Return This Section With Your Payment

22032107017 4500518

\*\*\*\*\* AUTOOCR \*\*C037

|||||

JAMES BARBERA  
191 ERIAL RD  
PINE HILL, NJ 08021-4427

☐ YES! I want pipe protection at \$1.50 per month

☐ Check for name address, phone corrections

PO Box  
Folsom, NJ 08037-6000

Past Due After Aug 12 2000 Please Pay \$45.00

FIGURE 4 - PRIOR ART

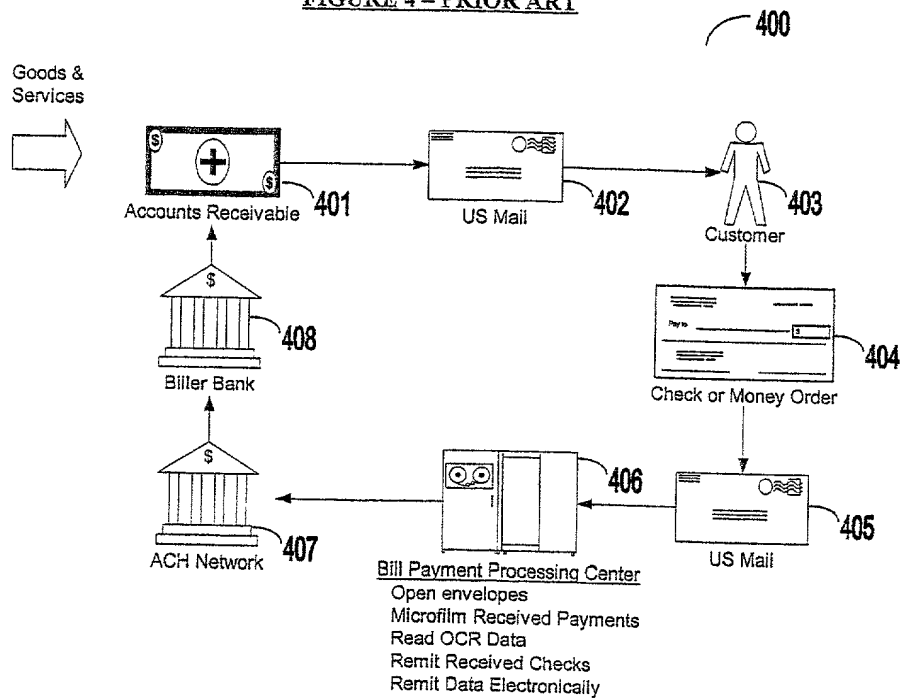
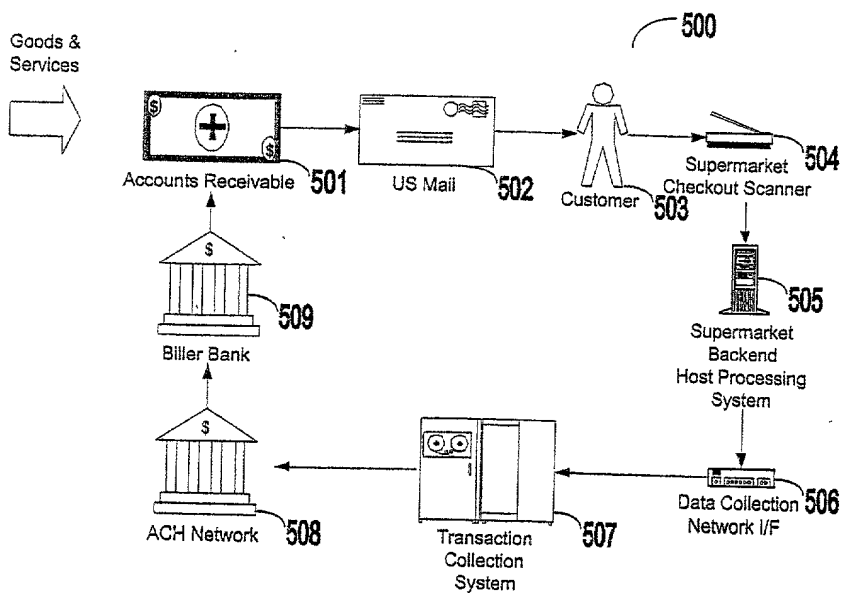
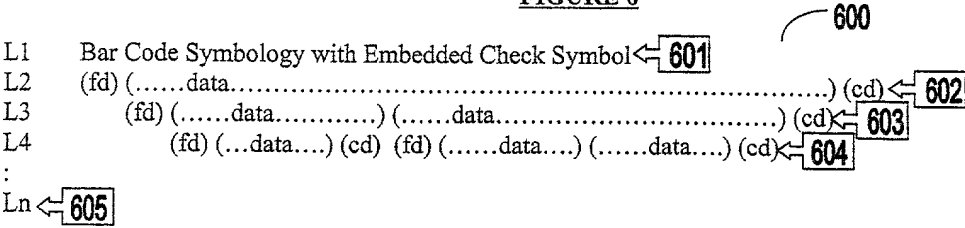


FIGURE 5

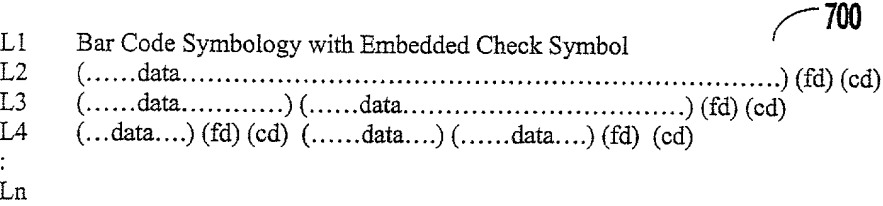


104121 1600001

**FIGURE 6**



**FIGURE 7**



**FIGURE 8**

**LEVEL 1 ENVELOPE** 800



**FIGURE 9**

**LEVEL 2 ENVELOPE**

**130001735076405841036 3**

900

Digit	Weight	Digit*Weight	Sum of Digits	Running Sum
1	1	1	1	1
3	3	9	9	10
0	1	0	0	10
0	3	0	0	10
0	1	0	0	10
1	3	3	3	13
7	1	7	7	20
3	3	9	9	29
5	1	5	5	34
0	3	0	0	34
7	1	7	7	41
6	3	18	9	50
4	1	4	4	54
0	3	0	0	54
5	1	5	5	59
8	3	24	6	65
4	1	4	4	69
1	3	3	3	72
0	1	0	0	72
3	3	9	9	81
6	1	6	6	87
3				

FIGURE 10

LEVEL 3 ENVELOPE

1000

Format Designator Value - 3

Example - 3 000173 5 0764058410 3 6

- 1 Digit Format Designator Value = 3 ← 1001
- 6 Digit Biller Identification Number ← 1002
- 1 Check Digit of preceding 6 digits using 371371 weights, MOD10 algorithm ← 1003
- Number of Components (1 Fixed Length (7), 1 Variable Length) (By Definition) ← 1004
- Customer Account Number with embedded (and known algorithm) check digit (3) ← 1005
- Calculated check digit of Level 3 data using 2121... weights, Split MOD10 algorithm (6) ← 1006

FIGURE 11

LEVEL 3 ENVELOPE

1100

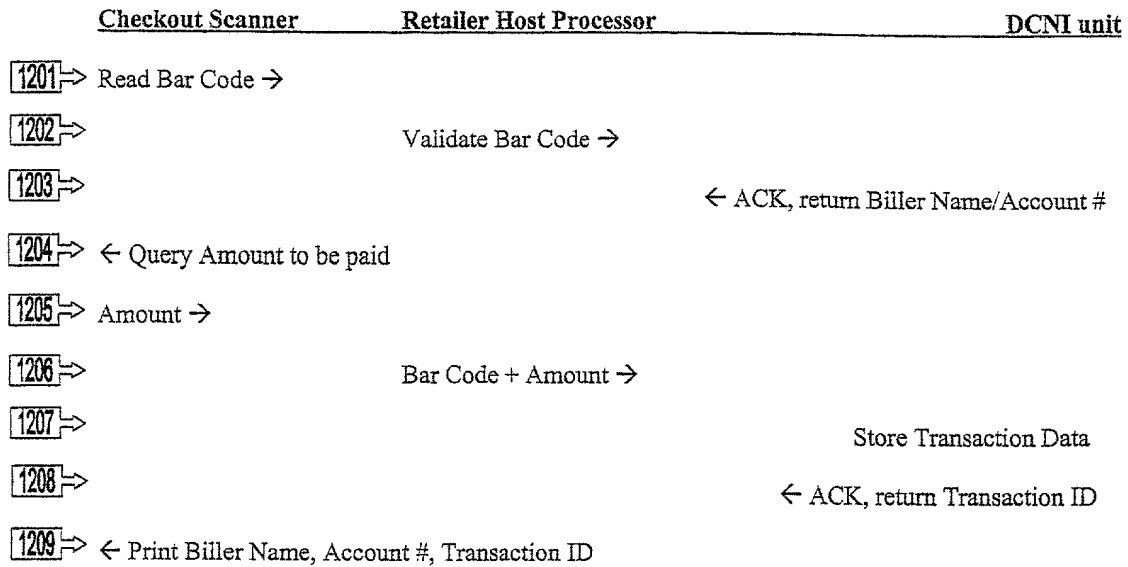
Format Designator Value - 4

Example - 4 000173 5 0764058410 3 4

- 1 Digit Format Designator Value = 4 ← 1101
- 6 Digit Biller Identification Number ← 1102
- 1 Check Digit of preceding 6 digits using 371371 weights, MOD10 algorithm ← 1103
- Number of Components (1 Fixed Length (7), 1 Variable Length) (By Definition) ← 1104
- Customer Account Number with added check digit to be discarded before presentment to biller (3) ← 1105
- Calculated check digit of Level 3 data using 2121... weights, Split MOD10 algorithm (4) ← 1106

**FIGURE 12**

**VALID ACCOUNT NUMBER**



**FIGURE 13**

**INVALID ACCOUNT NUMBER**

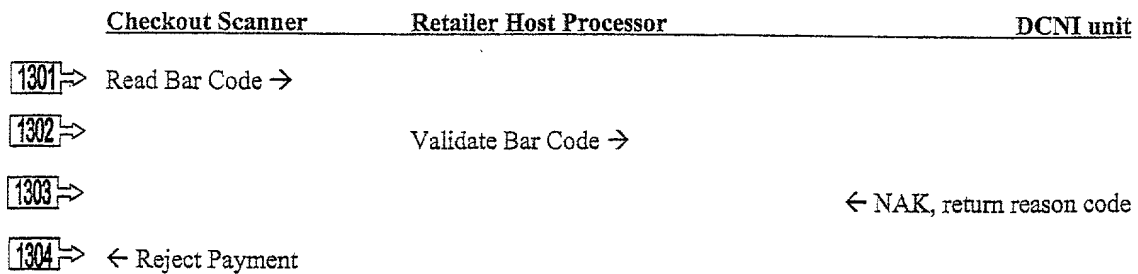


FIGURE 14

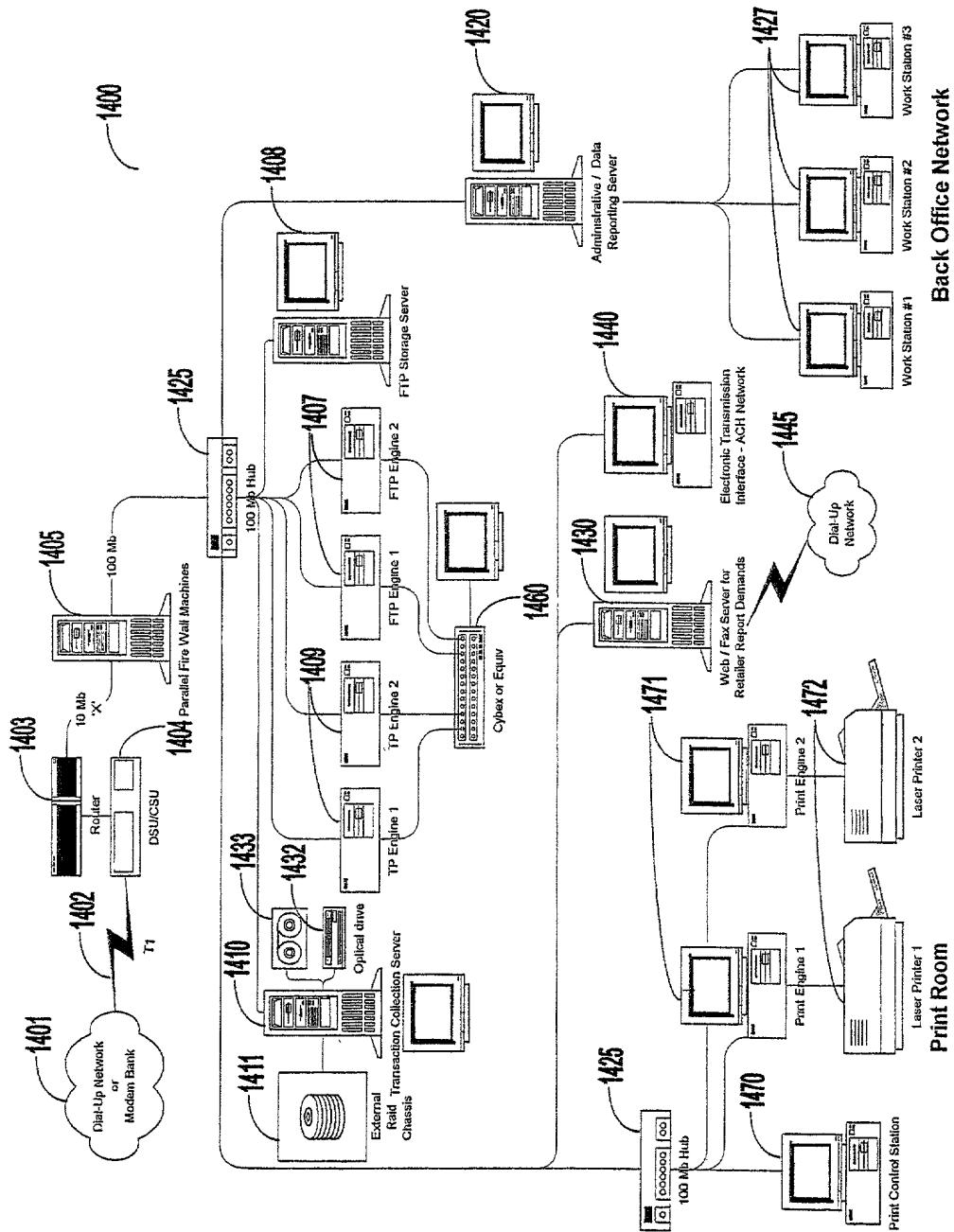


FIGURE 15

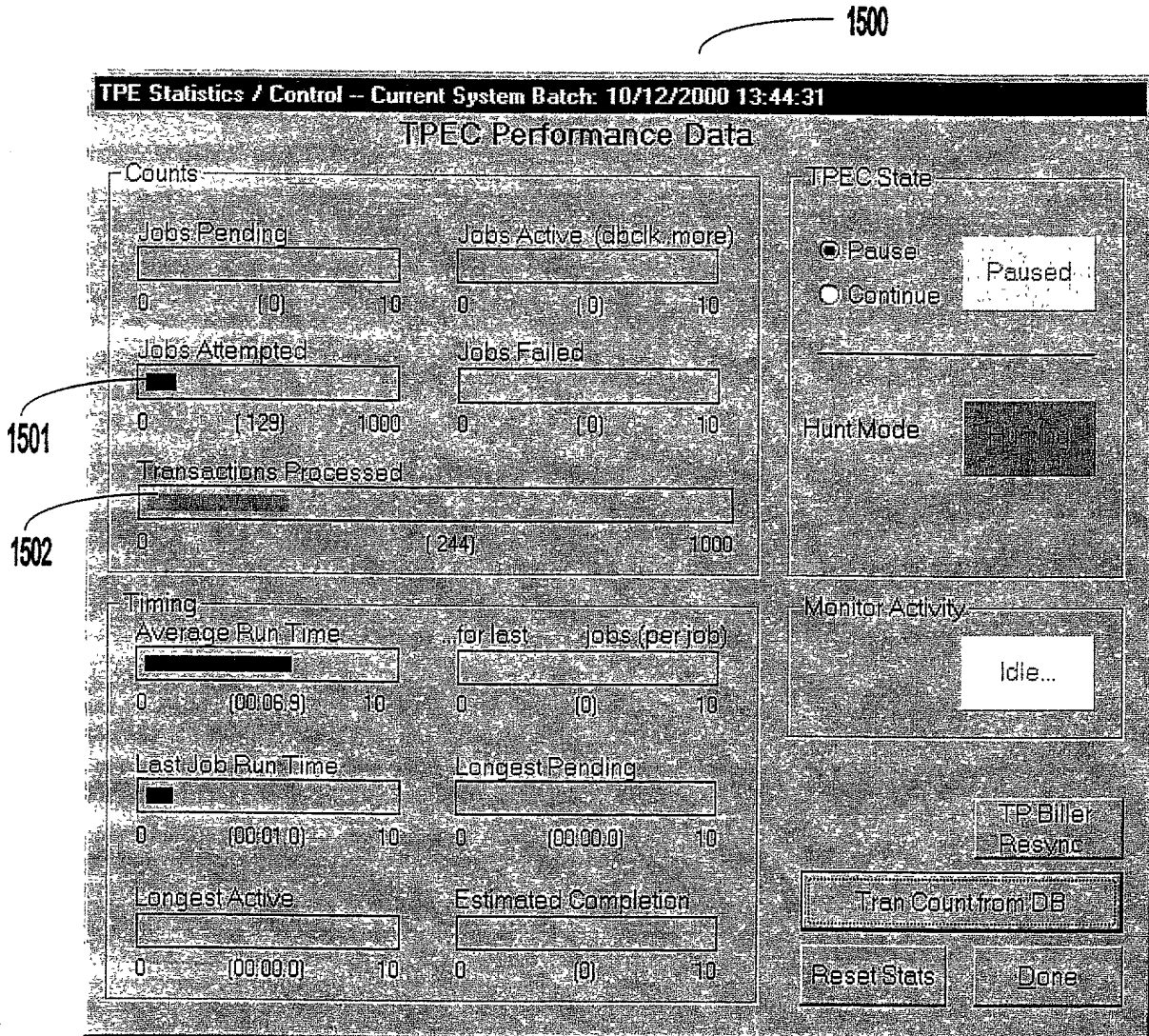


FIGURE 16

1600

SMS, Version: 1.48 6/22/00

Tools

**Distributors** 1601

ID	Name
5	Maine/NH
6	LA East
7	Las Vegas
8	Tenn/Miss
9	North Central Californ
10	New Mexico
11	LA West
12	NY/NJ

**Sites/Agents** 1602

Site	Agent Name
000012	New York / New Jers
000912	NY/NJ Training Term
147224	McDermott Pharmacy,
147231	C-Town Supermarket
147483	Hospital Pharmacy
147497	Communications of A
147511	CCP Check Cashing
147525	United Check Cashing
147595	United Ck Cashing -
147623	Roman Express Servi
147630	E & A Grocery
147644	United Check Cashing
147700	Amboy Check X Chang
147707	Marin Travel
147714	Express Check Cashi
147721	Express Check Cashi

**Directory Structure**

- z:\inetpub\ftproot
  - achdata
  - achreports
  - billspool.dir
  - commlogs
  - csxfer
  - distributor\_1 1601
  - distributor\_10
  - distributor\_11
  - distributor\_12
  - instructions
  - outbound
    - instructions 1602
    - site\_000012
      - instructions 1603
    - site\_000912
      - instructions
    - site\_147224
      - instructions
    - site\_147231
    - site\_147483
    - site\_147497
    - site\_147511
      - instructions
    - site\_147525
    - site\_147595
    - site\_147623

PT's Allowed: 17 PT's FTP Server Count: 2 CAPS NUM INS 10/16/2000 6:53 AM

1000001 1000002

FIGURE 17

End of Batch Manager, Version: 1.42d-branch 8/14/00

System Batch: 1700

Current Batch: Oct 17 2000 1:55:31 PM

Next Batch: Oct 18 2000 9:00:00 AM

Time Left: 02:44:52 ☐ Hold ☐ Bollover Now

Manual Edit Counts

Closed Batch: 0 ☐ Open Batch: 0 ☐ Move pending manual edits to the next Batch

Consolidation

Phase:

Table:

Reporting

Report:  ☐ Skip

Trimming

Phase:

Table:

Archiving

Check Printing

Checks: letter print 0

Reports Override Exit

The OS is collecting jobs waiting for the next rollover to occur

1800

**FIGURE 18**

1802

[illegible]

FIGURE 19

1900

1904

1903

1902

1901

Electronic Transaction Detail -- 10/11/2000 13:35:08 -- MCRPS -- Total: 17,967.98					
Biller Name	Batch Number	Card Batch ID	Card ID	Account Number	Amount
Pacific Bell**Van Nuys	10/11/2000 14:27:13	14756020001011142713	67	3232355419925	28.92
Gas Company	10/11/2000 14:28:57	14942920001011140848	38	04142597006	62.74
Gas Company	10/11/2000 14:30:57	15169020001011143057	30	09212229000	52.57
Gas Company	10/11/2000 14:30:57	15169020001011143057	31	10472233278	22.09
Pacific Bell**Van Nuys	10/11/2000 14:32:27	15133320001011141214	37	3232343487095	83.51
Pacific Bell**Van Nuys	10/11/2000 14:32:27	15133320001011141214	38	3232330153356	16.47
Pacific Bell**Van Nuys	10/11/2000 14:32:27	15133320001011141214	39	3232345545400	43.11
Pacific Bell**Van Nuys	10/11/2000 14:37:08	15116520001011143708	23	3237213017757	26.15
Verizon**PO 30001	10/11/2000 14:37:08	15116520001011143708	24	012863119714133204	16.51
Gas Company	10/11/2000 14:39:13	14942920001011143913	39	13792569365	19.69
Gas Company	10/11/2000 14:39:13	14942920001011143913	41	11872366669	14.87
Pacific Bell**Van Nuys	10/11/2000 14:41:13	15241120001011130043	30	18460075338	25.92
Pacific Bell**Van Nuys	10/11/2000 14:41:13	15241120001011130043	31	3235664941063	23.30
Pacific Bell**Van Nuys	10/11/2000 14:41:31	15279620001011144131	26	7149721087141	134.83
Pacific Bell**Van Nuys	10/11/2000 14:41:31	15279620001011144131	27	7145422082046	78.45
Pacific Bell**Van Nuys	10/11/2000 14:41:31	15279620001011144131	28	7146670583961	34.92
Pacific Bell**Van Nuys	10/11/2000 14:42:52	15133320001011141214	40	3232364980440	59.21
Gas Company	10/11/2000 14:48:05	15206120001011144805	29	049800034310	5.89
Pacific Bell**Van Nuys	10/11/2000 14:48:05	15206120001011144805	28	3232222330254	27.25
Pacific Bell**Van Nuys	10/11/2000 14:48:05	15206120001011144805	30	3232346553956	170.62
Edison Company**Box 600	10/11/2000 14:50:57	15241120001011145057	40	145310983	17.98
Gas Company	10/11/2000 14:50:57	15241120001011145057	32	15810083004	9.45
Gas Company	10/11/2000 14:50:57	15241120001011145057	35	16150075766	51.70
Gas Company	10/11/2000 14:50:57	15241120001011145057	37	11100103701	47.93
LA Municipal Services**Box 10324	10/11/2000 14:50:57	15241120001011145057	41	02350083008	15.25
Pacific Bell**Van Nuys	10/11/2000 14:50:57	15241120001011145057	39	1089762100760009002501	137.22
Pacific Bell**Van Nuys	10/11/2000 14:50:57	15241120001011144113	33	3235835923416	30.67
Pacific Bell**Van Nuys	10/11/2000 14:50:57	15241120001011145057	36	3237525463426	29.25

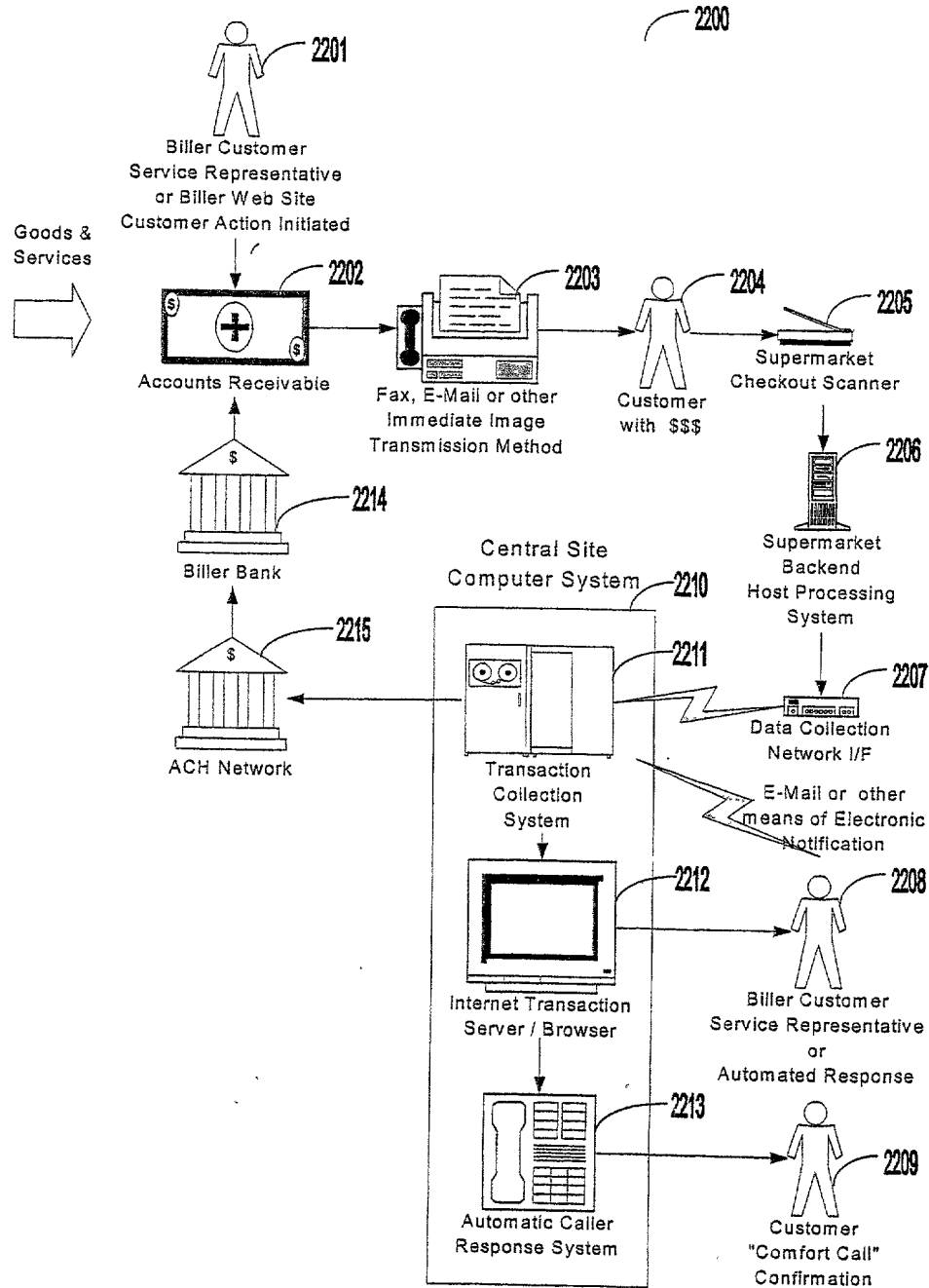
2003

2002

Selected: 00100 : North East Power and Light

[illegible]

FIGURE 22



- 2300

[illegible]

2301

2302

2303

2304

2305

2306

2307

2308

-2401

- 2400

FIGURE 25

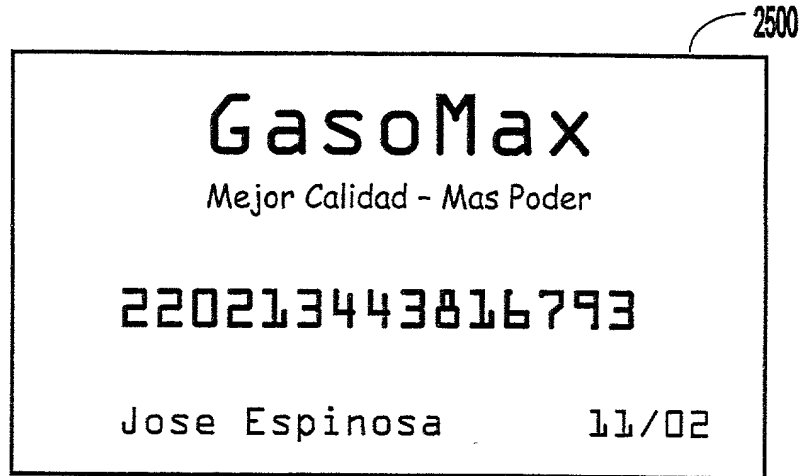


FIGURE 26

